

## MARICOPA COUNTY INFLUENZA SUMMARY UPDATE

**Week ending January 25, 2003-Week 4**

**Synopsis:** During week 4 (January 19, 2003-January 25, 2003), 7 laboratory tested specimens were positive for influenza. The proportion of patient visits to Cigna Health Care facilities\*\*\* for influenza-like-illness (ILI) was 0.082%, which is less than the national baseline of 1.9%. Long Term care surveillance indicated insignificant influenza activity. The percentage of deaths attributed to influenza and pneumonia was 13.04% for the city of Phoenix. Moreover, the percentage of deaths due to influenza and pneumonia for Maricopa County LESS the city of Phoenix was 10.07% for week 4. Hospital influenza surveillance revealed 1.12% of all visits were for ILI, although the voluntary response rate for week 3 and 4 was extremely low. The overall percentage of school absences due to ILI was 5.90%.

**Laboratory Surveillance:** Four Influenza Type A cultures were confirmed and three Influenza Type B cultures were confirmed.

### **Pneumonia and Influenza (P&I) Mortality Surveillance:**

<b>Maricopa County Department of Public Health Services</b>						
Division of Epidemiology and Data Services						
Office of Vital Statistics						
Weekly Mortality Summary for CDC Deaths Registered						
<b>Pneumonia &amp; Influenza DEATHS</b>						
Date Range: 1/19/03 - 1/25/03						

### **City of Phoenix**

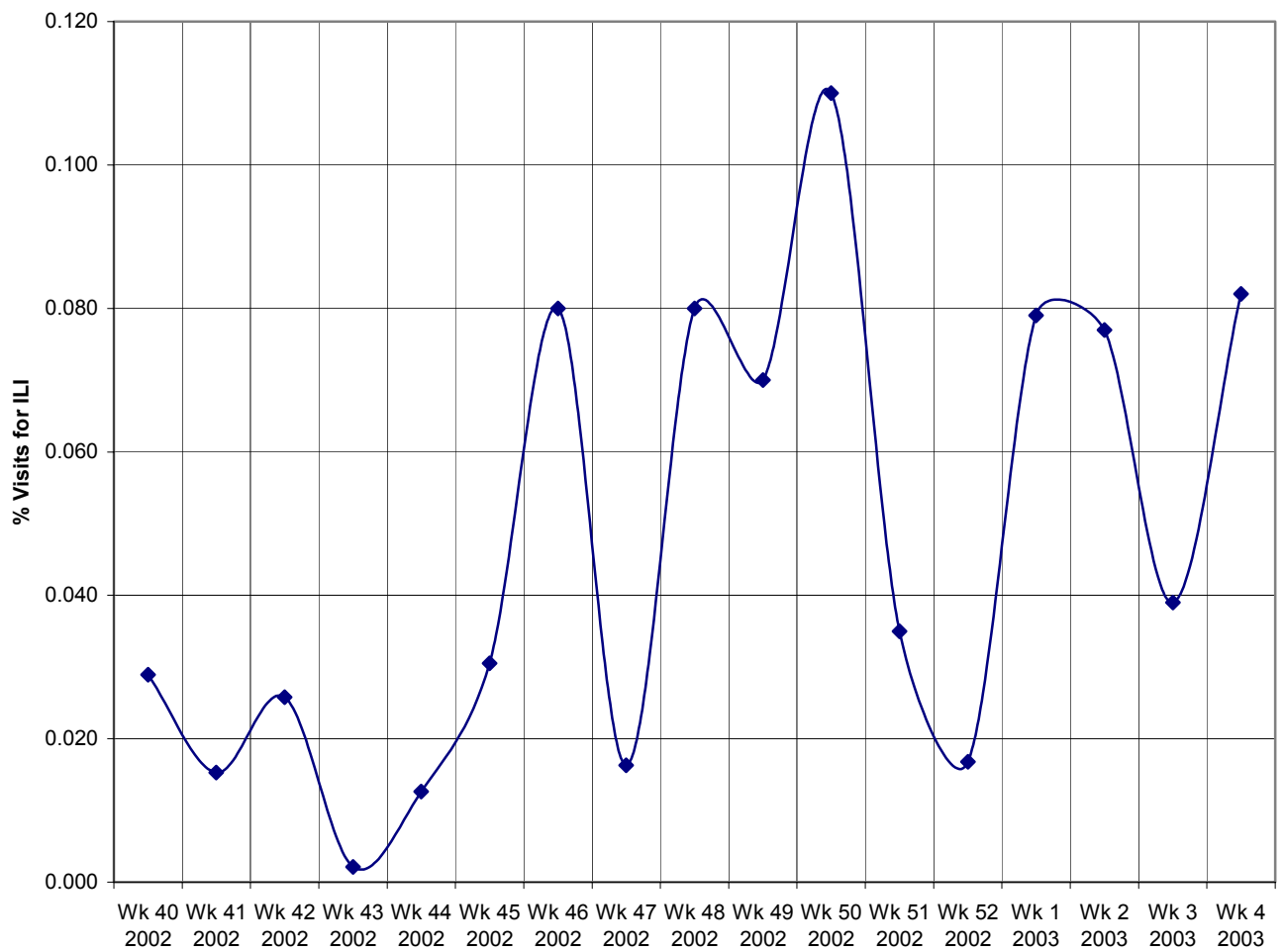
Age Group	Total Deaths	Pneumonia Deaths	Influenza Deaths	Pneumonia + Influenza Deaths	Total P & I Deaths	
Under 28 Days	0	0	0	0	0	
28 Days to 1 Yr.	0	0	0	0	0	
1 - 14 Years	0	0	0	0	0	
15 - 24 Years	1	0	0	0	0	
25 - 44 Years	1	1	0	0	0	
45 - 64 Years	2	1	0	0	0	
65 - 74 Years	3	0	0	0	0	
75 - 84 Years	5	0	0	0	0	
85 + Years	5	1	0	0	0	
	328	42	0	0	0	
Unknown	0	0	0	0	0	
Total	345	45	0	0	0	

# Maricopa County LESS City of Phoenix

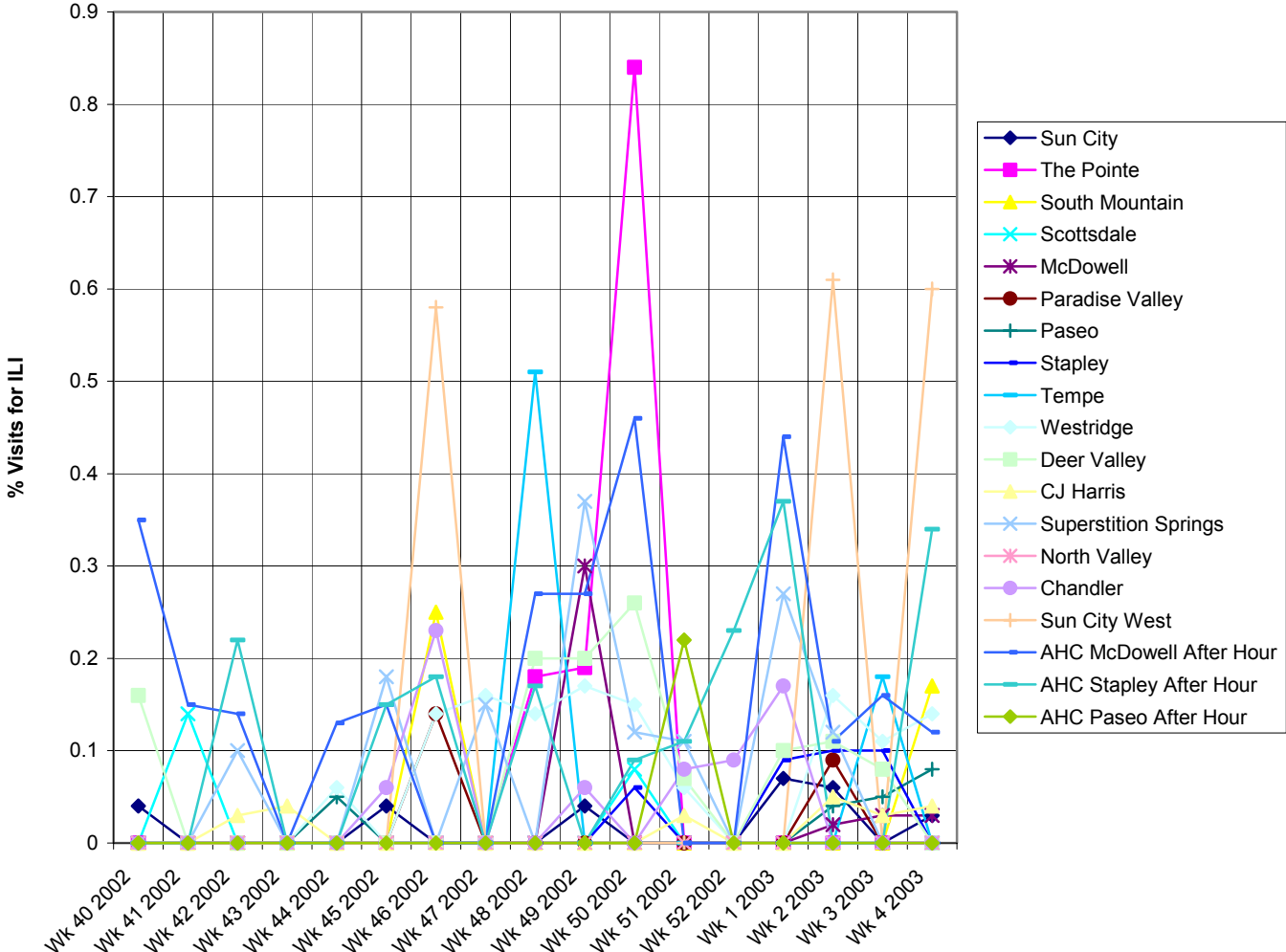
Age Group	Total Deaths	Pneumonia Deaths	Influenza Deaths	Pneumonia + Influenza Deaths	Total P & I Deaths	
	0	0	0	0	0	
Under 28 Days	0	0	0	0	0	
28 Days to 1 Yr.	0	0	0	0	0	
1 - 14 Years	1	0	0	0	0	
15 - 24 Years	2	0	0	0	0	
25 - 44 Years	4	0	0	0	0	
45 - 64 Years	3	1	0	0	0	
65 - 74 Years	16	1	0	0	0	
75 - 84 Years	13	2	0	0	0	
85 + Years	606	61	0	0	0	
		0	0			
Unknown	0	0	0	0	0	
Total	645	65	0	0	0	
Total DOD	990	110	0	0	0	

**Influenza-like Illness Surveillance \*:** During week 4, 0.082% of patient visits to Cigna Health Care facilities were due to ILI.

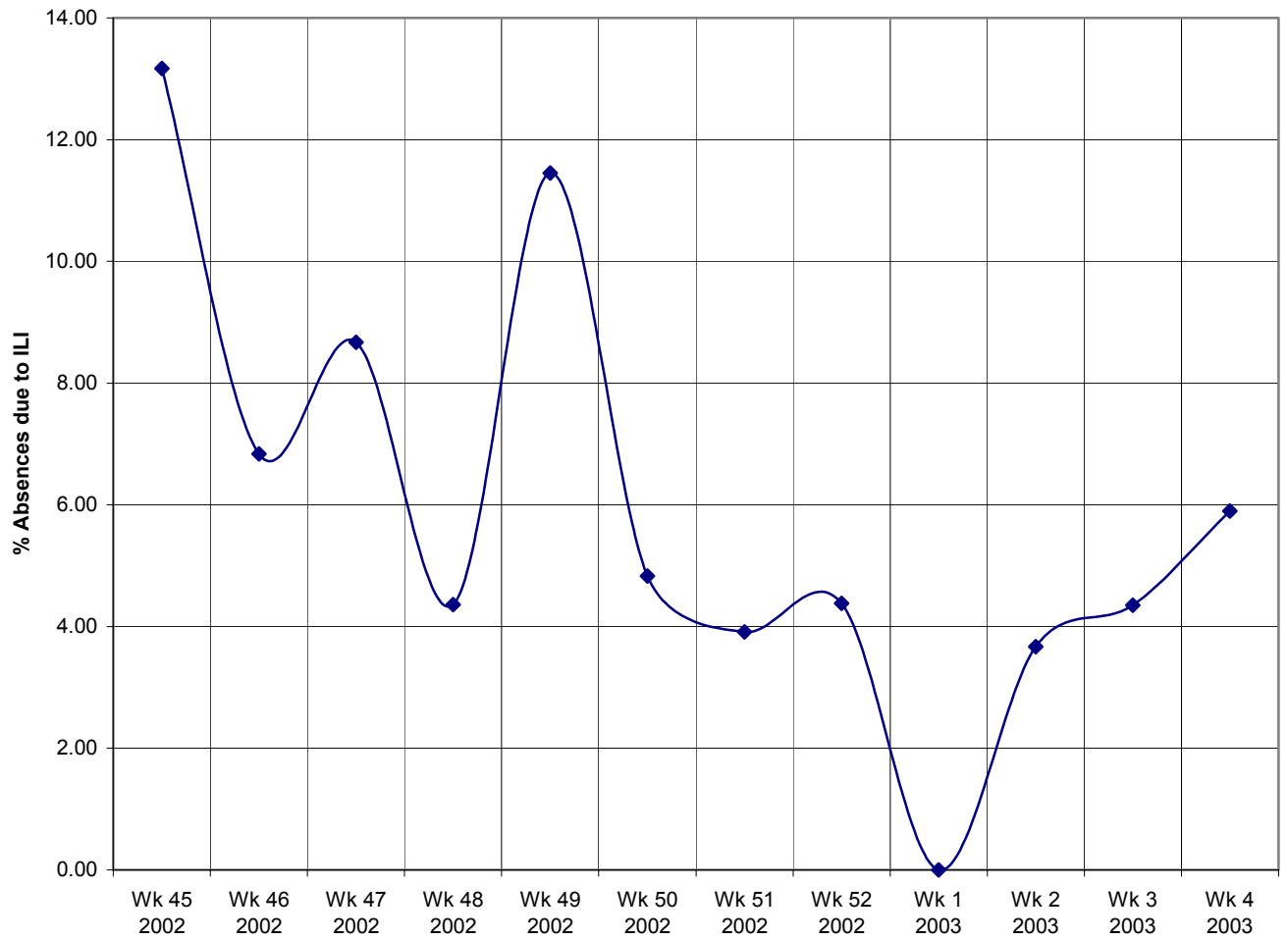
**Overall Percentage of Visits for Influenza-like Illness at Cigna Facilities, Maricopa County  
Summary 2002-2003**



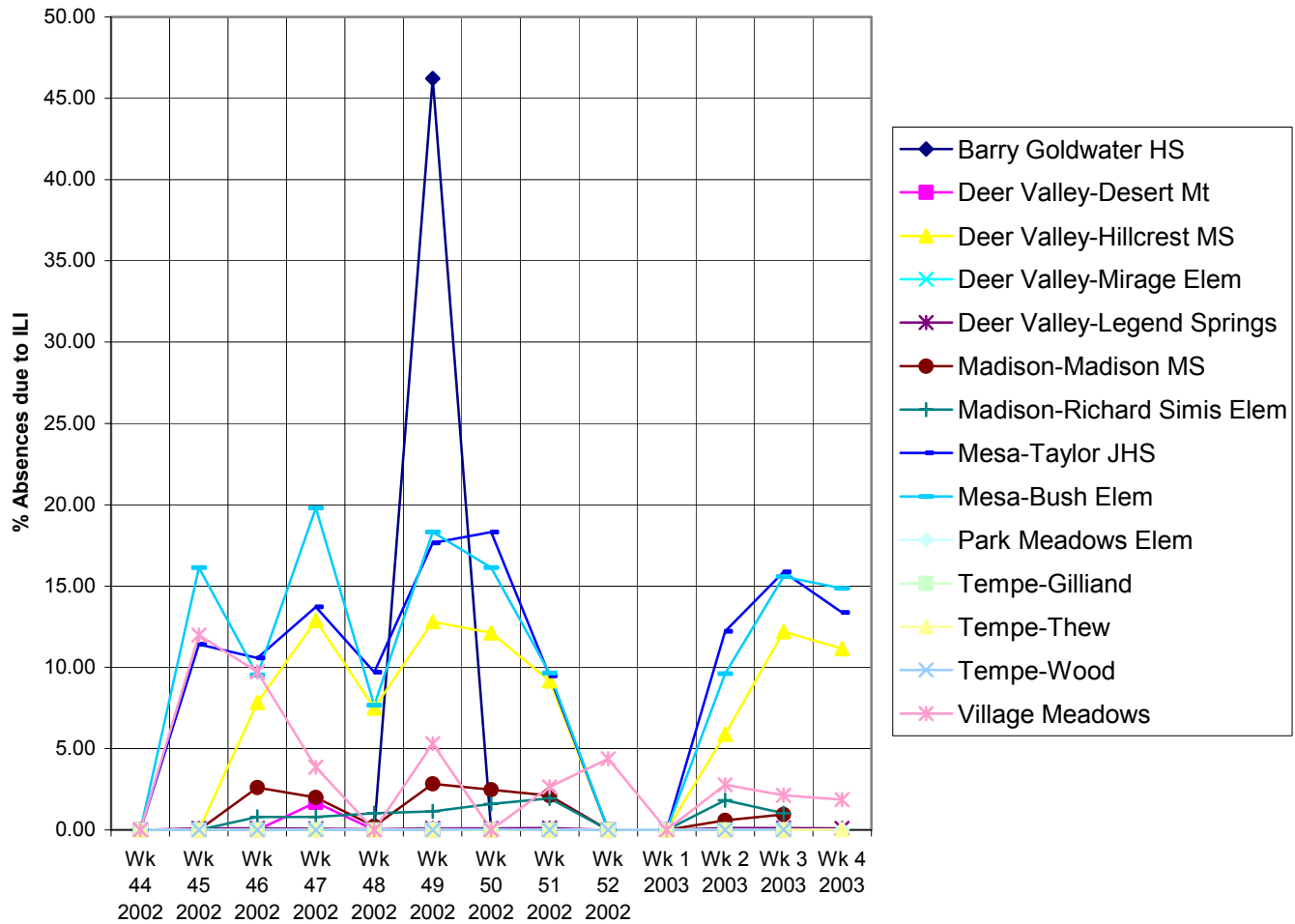
**Percentage of Visits for Influenza-like Illness at Cigna Facilities, Maricopa County Summary  
2002-2003**



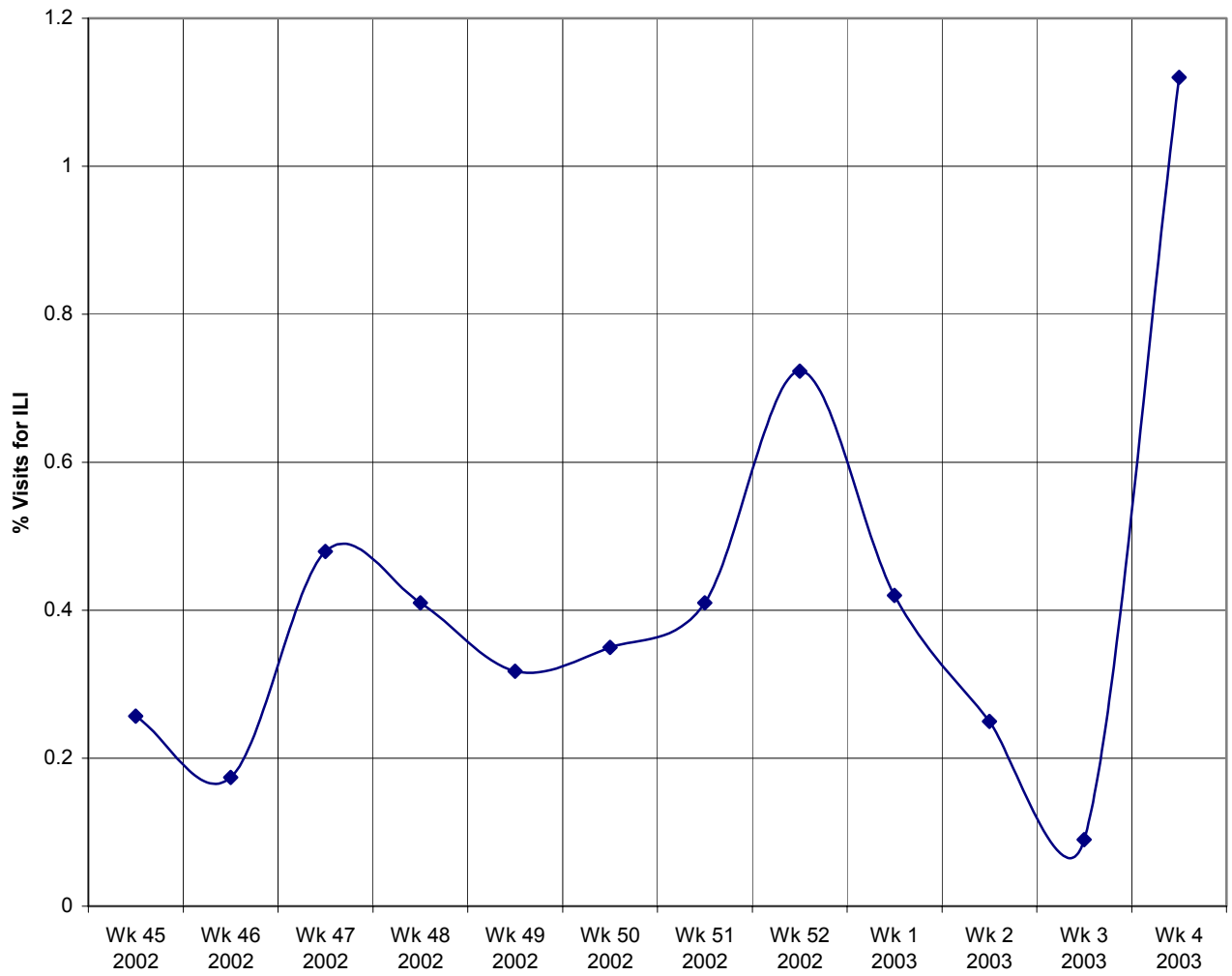
**Overall Percentage of School Absences due to Influenza-like Illness, Maricopa County  
Summary 2002-2003**



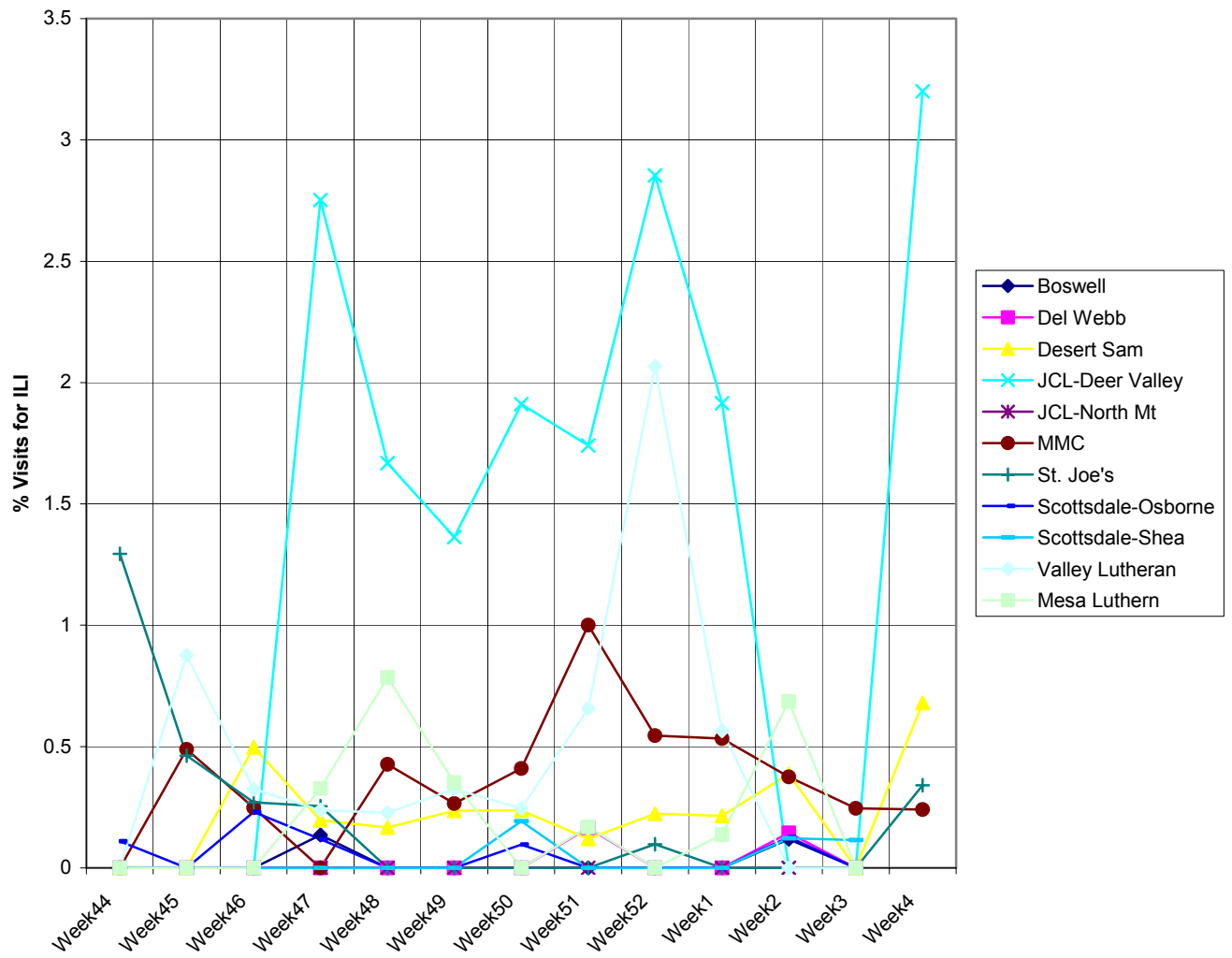
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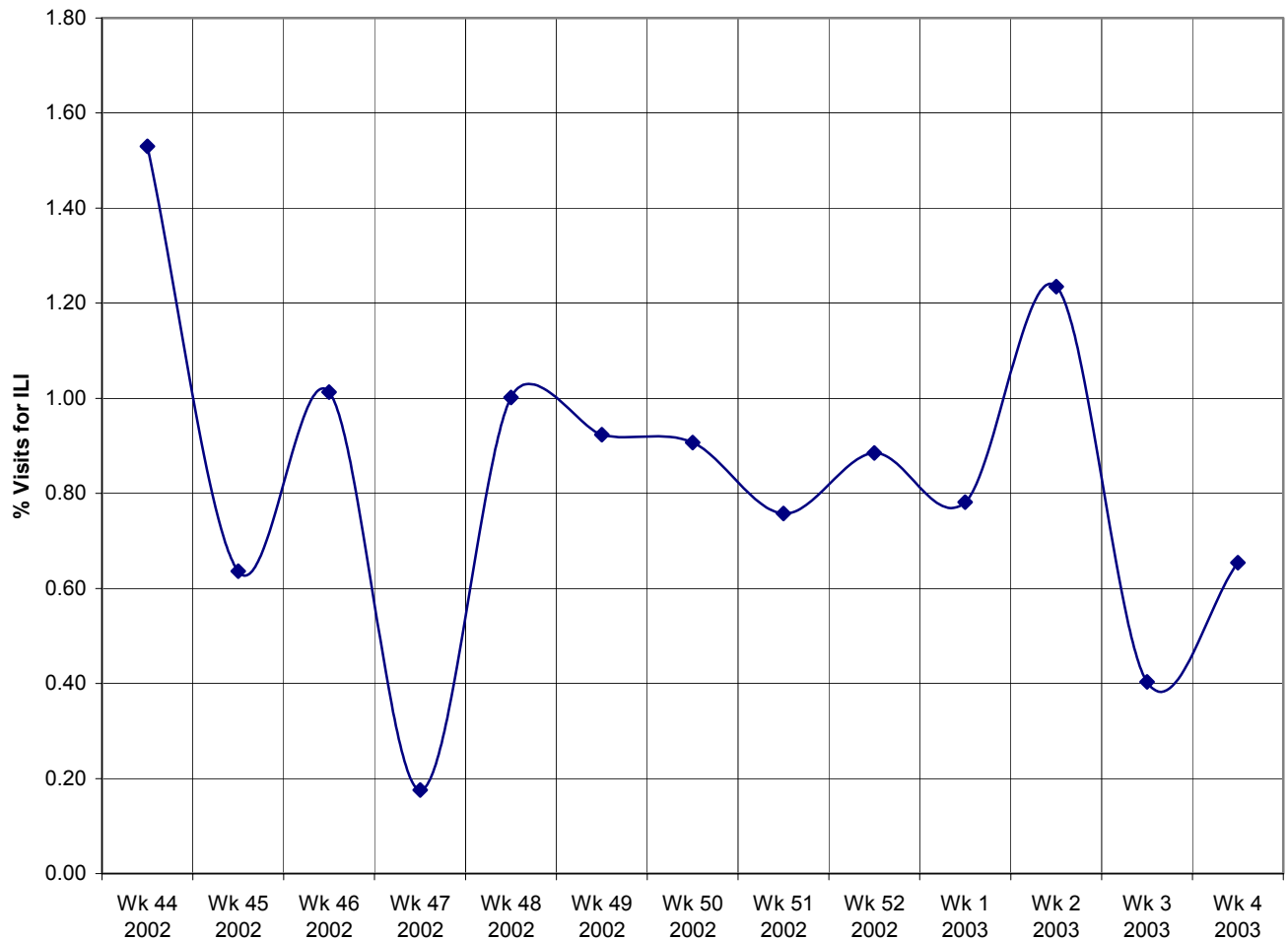
Overall Percentage of ER Visits for Influenza-like Illness, Maricopa County Summary 2002-2003



Percentage of ER Visits for Influenza-like Illness, Maricopa County Summary 2002-2003



**Percentage of Visits for Influenza-like Illness at ASU Student Health Center, Maricopa County  
Summary 2002-2003**



- \* Reporting is incomplete for this week. Numbers may change as more reports are received.

\*\* Influenza activity is defined as influenza-like illness and/or culture-confirmed influenza.

\*\*\* Surveillance Sources: **Hospitals, Emergency Departments** (Boswell, Chandler Regional, Del Webb, Desert Sam, Good Sam, JCL Deer Valley, JCL North Mountain,, MMC,, Maryvale, St. Joe's, St. Luke's, Scottsdale Osborne, Scottsdale Shea, T-Bird Sam, Valley Lutheran); **Cigna Health Care Facilities** (Sun City, The Pointe, South Mountain, Scottsdale, McDowell, Paradise Valley, Stapley, Paseo, Tempe, Westridge, Deer Valley, CJ Harris, Superstition Springs, North Valley, Chandler, Sub City West, AHC McDowell after Hour, AHC Stapley After Hour, AHC Paseo After Hour); **Long Term Care Facilities** (6): Christian Care, Cook Healthcare, Highland Manor, Life Care Center of PV, Life Care Center of Scottsdale, Sun Healthcare Center; **Schools** (21): Barry Goldwater High School, Chandler Unified, Dear Valley Unified, Dear Valley Desert Mountain, Dear Valley Hillcrest Middle School, Dear Valley Mirage Elementary, Gila Bend Unified, Legend Springs, Madison Middle School, Madison Richard Simis Elementary School,

Mesa Unified, Mesa Taylor Junior High School, Mesa Bush Elementary, Murphy Elementary, Paradise Valley Unified, Park Meadows Elementary, Tempe Elementary, Tempe Thew, Tempe Wood, Village Meadows. **ASU Student Health Center**

Report prepared: February 4, 2003